IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Serial No .:

Pak et al.

09/700,8

Filed:

3 July 20

Title:

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Group Art Unit: 1653

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Confirmation No.: 7983

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We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

An itemized return postcard.

X An Information Disclosure Statement (2 pgs); copies of 0 applications; 1449 forms (5 pgs); and copies of 61 documents cited on the 1449 forms.

Other: Election Under 37 C.F.R. §3.71, Revocation, Power of Attorney, and Certificate Under §3.73(b) and <u>X</u> copy of Assignment (6 pgs.); A copy of Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (2 pgs.); Computer readable form of "Sequence Listing." (1 disk); paper version of Sequence Listing (7 pgs.) (Applicants hereby state that the contents of the paper version of the sequence listing and the computer readable version of the Sequence listing, both of which are submitted herewith, are the same).

<u>X</u>_ Preliminary Amendment and Response to Communication (13 pgs including Appendix A.)

| No Additional fee is required. | The fee has been calculated as shown: |
|------------------------------------|---------------------------------------|
| For Coloulation for | Claims Danding After Assessed |

| | Pending Claims after Amendment (1) | Claims Paid for Earlier (2) | Number of Additional Claims (1-2) | Cost per Additional Claim | Additional Fees Required |
|-----------------------|--|--------------------------------|---|---------------------------------|-----------------------------|
| Total Claims | | | | x \$18 = | |
| Independent Claims | | | | x \$84 = | |
| One or M | ore New Multiple D | Dependent Claims P | resented? If Yes, A | .dd \$280 Here → | |
| | | * *** | otal Additional Cla | | |

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Application No.: 09/700869
NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

| x | This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). |
|---|--|
| | This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c). |
| | A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e). |
| | A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." |
| | The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d). |
| | The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e). |
| | Other_ |
| | The disks are being irradiated by electron bombardment and are showing up melted, unreadable, and or crazed (CDROMS). |
| | A reply to a notice to comply with the sequence rules should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office. |
| | Please direct all replies to the United States Patent and Trademark Office via one (1) of the following (which were provided on the USPTO internet site at: http://www.uspto.gov/september11/mailqanda.htm): |
| | Electronically submitted through EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm, EFS Submission User Manual - ePAVE) |
| | 2. Mailed to: U.S. Patent and Trademark Office Box Sequence, P.O. Box 2327 |

Arlington, VA 22202

Application No.: <u>09/700869</u>

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

3. Mailed by Federal Express, United Parcel Service or other delivery service to:
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Applicant Must Provide:

An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".

An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.

A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216 or (703) 308-2923
- For CRF Submission Help, call (703) 308-4212
- For Patentin software Program Support:
 - HELP DESK: (703) 739-8559, ext 508, M-F, 8 AM to 5 PM EST except holidays
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